

SEN'KOVSKIY, Yu.N.; IORISH, Z.I.

Mineralogy of the Senoman tripoli in the Dniester Valley. Izv.
AN SSSR. Ser.geol. 27 no.9:106-108 S '62. (MIRA 15:9)

1. Institut geologii poleznykh iskopayemykh AN USSR, L'vov.
(Dniester Valley--Tripoli (Mineral))

SEN'KOVSKIY, Yu.N.

Genesis of Upper Cretaceous tripoli in the southwestern edge of the Russian Platform. Dokl. AN SSSR 151 no.1:193-195 J1 '63.

(MIRA 16:9)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR.
Predstavleno akademikom N.M.Strakhovym.

(Russian Platform—Tripoli (Mineral))

SEN'KOVSKIY, Yu.N. [Sen'kovs'kyi, Yu.M.]

Paleoecological study of the Senomanian in the Dniester Valley.
Dop. AN URSR no. 6:792 794 '64. (MIRA 17:9)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR.
Predstavleno akademikom AN UkrSSR V.B.Porfir'yevym [Porfyr'iev,
V.B.].

ROSKOSH, Ya.T.; SEN'KOVSKIY, Yu.N.; FEDUSHCHAK, M.Yu.

Celestine from Carboniferous and Cretaceous sediments in the
Volyn'-Podolian Plateau. Min. sbor. no.17:232-236 '63.

(MIRA 17:11)

1. Institut geologii i geokhimi goryuchikh iskopayemykh AN UkrSSR.

TKACHUK, L.G. [Tkachuk, L.H.]; SEN'KOVSKIY, Yu.M. [Sen'kovs'kyi, IU.M.];
IVANNIKOV, A.V. [Ivannikov, O.V.]

New data on the lithology of Cretaceous sediments in Kanievskiy
dislocations. Geol. zhur. 24 no.5:41-49 '64. (MIRA 17:12)

1. Institut geologicheskikh nauk AN UkrSSR i Institut geologii
i geokhimii goryuchikh iskopayemykh AN UkrSSR.

SEN'KOVCHYI, YU.N. [Sen'kovchyi, YU.N.]

Lithogenetic studies of Upper Cretaceous silicites in the
Dniester Valley. Dzp. AN URSR no.11:1621-1623 '65.
(MIRA 19:1)

1. Institut geologii i geokhimi i goryuchikh iskopayemykh
AN UkrSSR. Submitted November 11, 1964.

SEN'KOV, N.O.

Certain results of reorganization and activities of therapeutic and prophylactic institutions in cities in Kazakhstan SSR, Sovet. zdravookhr. no.6:33-38 Nov-Dec 1951. (CIML 21:2)

1. Head of the Therapeutic-Prophylactic Administration, Ministry of Public Health Kazakh SSR.

SEN'KOV, N.O.

Work of the medical system in reclamation districts. Zdrav.Kazakh.
16 no.11:6-13 '56. (MLRA 10:1)

1. Zamestitel' ministra zdравookhraneniya Kazakhskoy SSR.
(PUBLIC HEALTH, RURAL)

SEN'KOV, N.O.

Public health in Kazakhstan during the sixth five-year plan.
Zdrav.Kazakh. 17 no.6:3-6 '57. (MIRA 12:6)

1. Zam.ministra zdravookhraneniya KazSSR.
(KAZAKHSTAN--PUBLIC HEALTH)

SEN'KOV, N.O.

Plans for the development of public health in the Kazakh S.S.R.
during the seven-year plan for the development of the national
economy [with summary in English]. Sov.zdrav. 18 no.4:11-18 '59.

(MIRA 12:4)

1. Zamestitel' ministra zdravookhraneniya Kazakhskoy SSR.

(PUBLIC HEALTH,

in Russia, 7-year plan (Rus))

SEN'KOV, N.O.; KUZENYATKINA, A.I.

A higher level of organization for rural public health. Zdrav.
Kazakh. 22 no.7:3-7 '62. (MIRA 16:1)
(PUBLIC HEALTH, RURAL)

4

Pycnometric determination of density of solid substances
at low temperatures. ^AEdmund Kurzyniec and Tadeusz
Senkowski (Univ. Kraków, Poland). *Zeszyty Nauk - Univ.
Jagielski, Ser. Nauk Mat.-Przyrod., Mat., Fiz., Chem.* No.
4, 213-24(1958)(English summary).—A method is de-
scribed in which a liquefied gas is used as the pycnometric
liquid. The capacity of the pycnometer is 2-3 ml. The
app. is described, and a discussion of errors is given. If gas
pressure is measured with an accuracy of up to ± 1 mm. Hg,
vol. to ± 1 ml., temp. to $\pm 0.2^\circ$, and mass to ± 0.0002 g.,
the max. error is 0.38% for O as pycnometric liquid and
liquid air as coolant. J. Stecki.

CC
1/1

PC

ROKOSZ, Andrzej; SENKOWSKI, Tadeusz

Precision of the height measurement of polarographic waves. Chem
anal 4 no.5/6:777-782 '59. (EEAI 9:9)

1. Katedra Chemii Nieorganicznej Uniwersytetu Jagiellonskiego,
Krakow.
(Polarograph and polarography)

SAVUKYNAS, B.; VANAGAS, A.A; VITKAUSKAS, V.; VOSYLYTE, K.;
ERMANYTE, I.; GRINAVECKIENE, E., otv. red.; SENKUS, J.,
red.; LUKOSEVICIUS, St., tekhn. red.

[Names of rivers and lakes of the Lithuanian S.S.R.]
Lietuvos TSR uiu ir ezeru vardynas. Vilnius, Valstybine
politines ir mokslines literaturos leidykla, 1963. 225 p.
(MIRA 16:11)

1. Lietuvos TSR Mokslu Akademija. Vilna. Lietuviu kalbos
ir literaturos institutas.

(Names, Geographical--Dictionaries)

SENKUTE-BAGDONENE, V. P. Cand Med Sci -- (diss) "Importance of ~~the~~ methods
of ^{the} preparation of antigens in the production of agglutinating ^{and} dysentery serums."
Vil'nyus, 1958. 18 pp with diagrams (Acad Sci Lithuanian SSR. Inst of
Experimental Medicine), 200 copies (KL, 13-58, 101)

SENKYRIK, J.

TECHNOLOGY

periodicals: INSENYRSKE STAVBY Vol. 6, no. 11, Nov. 1958

SENKYRIK, J. Influence lines of girders on elastic supports as deflection lines. p. 592.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5
May 1959, Unclass.

SENLIVYY, V.N.

Winter barley in the southern Ukraine. Zemledelie 26
no.1:70 Ja'64. (MIRA V:5)

1. Sovkhoz imeni Tel'mana, Khersonskoy oblasti.

SENNER, K.V.

Mechanization of pulp loading. Sakh.prom. 33 no.6:79 Je '59.
(MIRA 12:8)

(Sugar industry--Equipment and supplies)
(Loading and unloading)

88233

S/096/61/000/003/003/012
E194/E155

26.2/20
AUTHOR:

Sennichenko, M.D., Candidate of Technical Sciences.
Meridional Profiling of a Turbine Stage

TITLE:

PERIODICAL: Teploenergetika, 1961, No. 3, pp. 28-33
TEXT: Pressure gradients in a radial direction give rise to considerable irregularities in the flow parameters over the radius of the stage in axial turbines or compressors. The pressure gradient is obtained from the equation of radial equilibrium:

$$\frac{dp}{dr} = \rho \frac{c_u^2}{r} - \rho \frac{dc_r}{dt} \tag{1}$$

where p and ρ are the pressure and density of the medium; c_u and c_r are respectively the peripheral and radial components of flow velocity; r is the radial coordinate of the line of flow; and dc_r/dt is the radial acceleration. In practice it is often taken that $c_r = 0$, giving the simplified equation of radial equilibrium:

$$\frac{dp}{dr} = \rho \frac{c_u^2}{r} \tag{2}$$

Card 1/3

88233

S/096/61/000/003/003/012
E194/E155

Meridional Profiling of a Turbine Stage

Tests and calculations have shown that in stages with blades of small diameter it is not permissible to assume that the radial components of speed or acceleration are zero. The nature of the pressure gradient is discussed and it is shown that it is greatest in the inlet part of the blading channel. The pressure gradient is proportional to the axial width of the flow path of the stage and inversely proportional to the radius of the blading. The length of the axial gap and the width of the blade rim have the greatest effect on the pressure gradient, and the width of the nozzle has a smaller effect. These points are illustrated by calculation of numerical examples. A method of designing blades with minimum pressure-gradient over the height is described. However, the resulting shape of the blading is difficult to manufacture. Considerable reduction in the radial pressure gradient can, however, be obtained by using flat boundary surfaces for the nozzle ducts which slope at a certain angle to the nozzle axis when blade shrouds of cylindrical shape are used. The pressure gradient may also be reduced by making the shroud with an

X

Card 2/3

ACC NR: AP6029619 (N) SOURCE CODE: UR/0114/66/000/008/0015/0017

AUTHOR: Sennichenko, M. D. (Candidate of technical sciences); Vinnik, I. D. (Candidate of technical sciences); Kharlamov, Ye. G. (Engineer)

ORG: none

TITLE: Discharge coefficient of turbine nozzle cascades under static and dynamic conditions

SOURCE: Energomashinostroyeniye, no. 8, 1966, 15-17

TOPIC TAGS: turbine nozzle diaphragm, gas turbine, turbine design, fluid discharge coefficient, gas turbine, nozzle flow, turbine cascade

ABSTRACT: To verify thermal calculations of gas turbines produced at the Leningrad plant, the plant's aerodynamics laboratory is systematically conducting tests to determine flow discharge coefficients for turbine nozzle cascades. The results of an experimental investigation of the discharge coefficients of nozzle cascades with the blade geometry shown in Fig. 1 and Table 1 are presented. Tests were conducted at flow Mach numbers $M = 0.3-0.9$. The obtained results show that: 1) The discharge coefficient of a nozzle cascade, in contrast to the velocity coefficient, is very sensitive to changes in the shape of the cascade's geometric parameters and the structural and gasdynamic conditions at

Card 1/3

UDC: 62-226.004.15

ACC NR: AP6029619

method of determining the discharge coefficient of annular and sectional
nozzle cascades. Orig. art. has: 5 figures.

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 005/

Card 3/3

S/114/62/000/005/002/006
E194/E454

The angle of discharge ...

4 to 5°. The effect of pitch in increasing this discrepancy decreases when the curvature of the discharge section is high. The angle of installation of the blading can also influence this discrepancy. With certain types of blading practical discrepancies have occurred between the actual and calculated steam consumptions and, accordingly, tests have been made in the Khar'kovskiy politekhnicheskiy institut imeni Lenina (Khar'kov Polytechnical Institute imeni Lenin) to determine the angle of discharge by measuring the total flow through the particular types of blading. The angle determined in this way is less than that given by the original formula and becomes equal to it only when the product of the velocity and density in the throat and beyond the blading are equal, which in practice occurs only when the pressure beyond the blading is less than the pressure in the throat. Tests have shown that the actual pressure near the concave edge of the blade is greater than the back pressure. The flow goes on expanding for some distance after leaving the blading before reaching the value of the back pressure. This results from the curvature of the discharge section of the blading. It is

Card 2/5

The angle of discharge ...

S/114/62/000/005/002/006
E194/E454

concluded that for practically all known types of nozzle blading, where the flow is subcritical and does not break away, the flow pressure and density at the throat are higher than the corresponding values beyond the blading and the two sets of values are only nearly the same when the pitch is small, the curvature of the discharge part of the blading is slight and the discharge edge is very thin. The actual angle of discharge is less than $\arcsin b_2/t$, or equal to it in particular cases, depending upon the geometry of the discharge section. The usual procedure for measuring the angle of discharge by traversing is not suitable for determination of the flow through nozzle blading of finite dimensions because the value obtained corresponds to the flow from infinite blading. Determination of the angle from the actual flow is better than the use of the pneumometric method. There are 4 figures and 1 table.

Card 3/3

S/096/63/000/003/010/010
E194/E455

AUTHOR: Sennichenko, M.D., Candidate of Technical Sciences
TITLE: A method of determining the flow factor through turbine
nozzle blading
PERIODICAL: Teploenergetika, no.3, 1963, 78-81

TEXT: Both the convex and concave faces of modern nozzle blading consist entirely of curved surfaces. Flow of working substance over these curved surfaces in the throat section and beyond sets up considerable inertial forces in the flow, which affect flow conditions in the throat and hence modify the amount of medium flowing between the blades and the angle of discharge from the blading. For moderate values of blading pitch ($t = 0.60$ to 1.0) and angles of installation ($\beta \leq 50^\circ$) the pressure in the throat is usually greater than the back pressure and convergent flow continues beyond the throat. Under such conditions the flow factor may be appreciably less than the value calculated by existing standard procedures. Conversely when the pitch is small ($t < 0.6$) or the angle of installation is high ($\beta > 50$ to 55°), flow beyond the throat may be strongly divergent so that the flow
Card 1/2

A method of determining ...

S/096/63/000/003/010/010
E194/E455

factor may become greater than unity. In tests on straight rows of blades the number of ducts may influence the result if it is less than about 9; for blades arranged on a wheel the number of ducts should be 12 to 15. Flow geometry at inlet to and discharge from the blading can have a considerable effect on flow conditions beyond the throat. In order to standardize test conditions between different organizations it is recommended that in straight rows of blading the flow factor should be determined without special shrouding; and in the case of blading mounted on disks the shrouding should be not less than the axial clearance and not greater than the sum of the axial clearance and half the runner blade width. There are 4 figures and 1 table.

ASSOCIATION: Kirovskiy zavod (The Kirov Works)

Card 2/2

SENNIK, Kiril Aleksandrovich; MATVEYEV, M.A., red.; MUKHIN, S.S., red. izd-va;
GUROVA, O.A., tekhn. red.

[Mine surveying equipment] Gorno-razvedochnaia mekhanika. Moskva,
Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960.
315 p. (MIRA 14:7)

(Mine surveying—Equipment and supplies)

SENNIK M.G.

M-4

USSR / Cultivated Plants. Fodders.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25067

Author : Sennik, M.G.
Inst : Alma-Atinskiy Zooveterinary Institute
Title : The "Green Conveyor" Method for Dairy Food on the Irrigated Land of the Foothill Zone of Zailiyskiy Ala-Tau

Orig Pub: Tr. Alma-Atinsk. zoovet. in-ta, 1956, 9, 48-55

Abstract: One recommends from the perennial grasses making up the "green conveyor" fodder system in the foothill zone of Zailiyskiy Ala-Tau for those farms without natural pasturage the following: blue alfalfa, mixed with dew grass, sainfoin, tall ryegrass. The sainfoin and grain mixture yields bigger yields than those with alfalfa and grain. Mixtures of winter

Card 1/2

USSR / Cultivated Plants. Fodders.

M-4

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548210019-0"

Abstract: rye and winter vetch are suitable for the early springtime. Corn takes top rank in annual summer crops on watered ground. For farms in this group which use natural pasturage in the first half of the vegetative period, the "green conveyor" plant is made up of sowing vetch-oats and pea-Sudan grass mixtures, pure Sudan grass, corn, beets and fodder squash. -- M. K. Deulina

Card 2/2

SENNIK, N. K.

Animal Husbandry

Dissertation: "Characteristics of Fine-Wooled Sheep and Methods for
Future Improvement of Sheep Breeding in the Sheep Sovkhoz imeni Lenin in
the Dzhambul Oblast." Cand Agr Sci, Alma-Ata Zooveterinary Inst, 3 Apr 54.
(Kazakhstanskaya Pravda, Alma-Ata, 23 Mar 54)

SO: SUM 213, 20 Sept 1954

SAKHAROV, I.; GNEZDILOV, Yu.; SENNIK, V.; MALAKHOV, V.; SHERMAN,
R.N., red.; KUZEMBAYEVA, A., tekhn. red.

[Use of machines and tractors on collective farms] Eksplu-
atatsia mashinno-traktornogo parka v kolkhozakh. Alma-Ata,
Kazakhskoe gos.izd-vo, 1961. 178 p. (MIRA 16:4)
(Kazakhstan--Agricultural machinery)

SENNIK, V. K.

Sennik, V. K. "Control of the quality of cultivation." Min
Higher Education USSR. Kazakh State Agricultural Inst.
Alma-Ata, 1956. (Dissertation for the Degree of Candidate
in Agricultural Science)

So: Knizhnaya letopis', No. 27, 1956. Moscow. Pages 94-109; 111.

ALSHINBAYEV, M.R.; AMELIN, V.P.; ANDRIANOVA, O.V.; GABIIYEV, Zh.;
DEGRAF, G.A.; INKAREEKOV, A.B.; KOLOMYTSEV, I.V.; KOLTUSHKIN,
I.S.; MALAKHOV, V.P.; MONASTYRSKIY, A.O.; REZNIKOV, B.N.;
SAKHAROV, I.V.; SENNIK, V.K.; SOSNIN, V.A.; SURKO, V.I.;
SURKOV, Ye.P.; SYRLYBAYEV, S.N.; USIKOV, N.V.; UCHAYEV, A.F.;
SHESTOPALOV, Ye.V.; SHERMAN, R., red.; GOROKHOV, L., tekhn.
red.

[Study manual for a machinery operator] Uchebnik-spravochnik
mekhanizatora. Alma-Ata, Kazsel'khozgiz, 1963. 326 p.
(MIRA 16:12)

1. Alma-Ata, Kazakhskiy gosudarstvennyy sel'skokhozyaystven-
nyy institut. Fakul'tet mekhanizatsii. 2. Sotrudniki fakul'-
teta mekhanizatsii Kazakhskogo gosudarstvennogo sel'sko-
khozyaystvennogo instituta (for all except Sherman, Gorokhov).
(Agricultural machinery)

SENNIKOV, A.

We are realizing the decisions of the operational conference. Rech.
transp. 24 no.8:12-13 '65. (MIRA 18:9)

1. Zamestitel' nachal'nika Irtyshskogo parokhodstva.

SENNIKOV, A.

Intensive duck breeding without water reservoirs. Inform. biul.
VDIHKH no.9:4-5 S '64. (MIRA 17:12)

1. Direktor sovkhosa "Yagotinskiy" Kiyevskoy oblasti.

SENNIKOV, A.

Important tasks of trade-union organizations. Fin. SSSR 38 no.1:20-
27 Ja '64. (MIRA 17:2)

1. Predsedatel' Tsentral'nogo komiteta professional'nogo soyuza rabot-
nikov gosudarstvennykh uchrezhdeniy.

SENNIKOV, B.A.

Cases of metastasing henign adenoma of the thyroid. Probl.endok.
i gorm. 4 no.1:108-109 Ja-F'58 (MIRA 11:5)

1. Iz kafedry obshchey khirurgii (zav. - prof. A.S. Al'tshul')
Orenburgskogo meditsinskogo instituta (dir. - prof. I.V. Sidorenkov)
(THYROID GLAND, neoplasms
metastasing benign adenoma (Rus))

SENNIKOV, B.A. (Orenburg)

Small intestine leiomyoma. Klin.med.36 no.11:143-145 N '58
(MIRA 11:12)

1. Iz kafedry obshchey khirurgii (zav. - prof. A.S. Al'tshul')
Orenburgskogo meditsinskogo instituta (dir. prof. I.V. Sidorenkov)
(INTESTINES, SMALL, neoplasms
leiomyoma (Rus))
(LEIOMYOMA, case reports (Rus))
(small intestines (Rus))

SENNIKOV, B.A.

Neuromatous proliferations in the wall of the stomach in peptic ulcer.
Klin. med. 38 no. 4:88-92 Ap '60. (MIRA 14:1)

(PEPTIC ULCER) (STOMACH--TUMORS)

SENNIKOV, B. A., Cand. Medic. Sci. (diss) "Patho-histological Changes in Intramural Nerve Apparatus of Stomach in Ulcers and their Clinical Significance," Orenburg, 1961, 17 pp. (Volgograd Med. Inst.) 200 copies (KL Supp 12-61, 288).

SENNIKOV, G. P.

"Discussions on problems of geometric constructions". P. 170,
(GAZETA MATEMATICA SI FIZICA, Vol. 3, No. 1/2, Jan./June 1952,
Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

SENNIKOV, Genadiy Petrovich; LEPESHKINA, N.I., redaktor; RYBIN, I.V.,
tekhnicheskii redaktor.

[Solving construction problems in classes 6-8; teacher's
manual] Reshenie zadach na postroenie v VI-VIII klassakh;
posobie dlia uchitelei, Moskva, Gos.uchebno-pedagog. izd-vo
Ministerstva prosveshchenia RSFSR, 1955. 154 p. (MLRA 9:6)
(Geometry--Study and teaching)

SENNIKOV, G.P. (Gor'kiy)

Connection between construction problems and practical exercises on
location in a course geometry for the sixth and seventh classes.
Mat.v shkole no.3:48-52 My-Je '55. (MLRA 8:7)
(Geometry--Problems, exercises, etc.)

S/077/63/008/002/007/009
A066/A126

AUTHOR: Sennikov, G.P.

TITLE: The oscillographic characteristic of colored developing agents

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematigrafii, v. 8, no. 2, 1963, 144 - 146

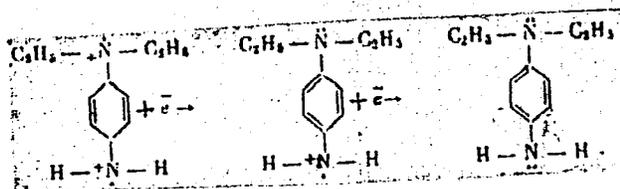
TEXT: The properties of colored developing agents are investigated by oscillographic polarography with preceding anode polarization. Oxidation products of the developing agent accumulate round a mercury dropping electrode during the preliminary electrolysis. As the reaction is reversible, the electrolytic products can be reduced by applying a polarizing voltage to the electrode. The reduction of the oxidation products is recorded on the screen of an oscilloscope. A solution of 0.1 M $\text{Na}_2\text{B}_4\text{O}_7$ was used as an indifferent electrolyte at $\text{pH} = 9.18$. At a given polarographic parameter, the oscillogram of the indifferent electrolyte was recorded after removing O_2 with purified N_2 , whereupon $8 \cdot 10^{-5}$ mole/l of the substance dissolved in ethyl alcohol was added to the solution of the in-

Card 1/3

S/077/63/008/002/007/009
A066/A126

The oscillographic characteristic of

different electrolyte. The oxygen was again removed, and the oscillogram was recorded. The oscillograms of the three developing agents diethyl-p-phenylene diamine, ethyl-β-oxyethyl-p-phenylene diamine, and diethyl-p-toluylene diamine differ in character, in the number of waves, and in the position of the potential peaks (Fig.). The oxidation products of the developing agents are reduced as follows:



The waves in the oscillograms are explained with the aid of this pattern. There is 1 figure.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy kinofotoinstitut (NIKFI)
(All-Union Scientific Research Institute of Motion Picture Photography)

Card 2/3

The oscillographic characteristic of

S/077/63/008/002/007/009
A066/A126

SUBMITTED: July 10, 1962

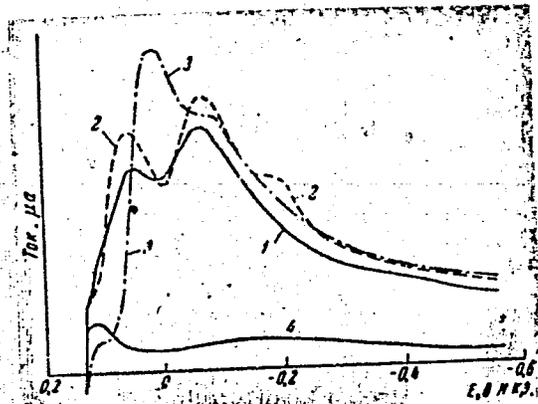


Figure: Oscillograms for the cathode polarization of the oxidation products of diethyl-p-phenylene diamine (1), ethyl-oxyethyl-p-phenylene diamine (2), diethyl-p-toluylene diamine (3), and background ($\text{Na}_2\text{B}_4\text{O}_7$) (4).

Card 3/3

SENNIKOV, I.I. (Riga)

Sporadic dystrophic form of myotonia. Klin. med. 41 no.9:
147-148 S'63 (MIRA 17:3)

1. Sanatoriy "Ukraina" (glavnyy vrach S.A. Geozolyan) Latviy-
skogo respublikanskogo Soveta po upravleniyu kurortami profsoyuzov
(glavnyy vrach T.N.Telyakova).

PA 66/49152

SENNIKOV, M. I.

USSR/Medicine - Epizootic Diseases Apr 49
Veterinary Medicine

"The Best Rayon Veterinary Hospital in Kirov Oblast," M. I. Sennikov, Dir, Vet Dept, Kirov Oblast Agr Adm, 1 1/2 pp

"Vet" No 4

The hospital has achieved 100% fulfillment of the plan for antiepidemiologic measures. It has facilities for surgery and radiation-electrotherapy like diathermy, D'Arsonval's equipment solar light and quartz light. Gives a table of the percent of cures for various diseases. The district has been rid of diseases such as

66/49152

USSR/Medicine - Epizootic Diseases Apr 49
(Contd)

seine erysipelas, infectious encephalomyelitis, paratyphoid diseases in young animals, and horse mange.

66/49152

SENNIKOV, M. I., DR VET SCI

USSR/Medicine - Veterinary, Infectious Dec 52
Anemia in Horses

"An Attempt to Liquidate Infectious Anemia in
Horses by the Method of Professor G. M. Boshyan,"
M. I. Sennikov, Dr Vet Sci

Veterinariya, Vol 29, No 12, pp 23-25 :

The new method of treating infectious anemia in
horses consists of isolating the sick horses but
retaining them on the farm under strict observa-
tion and veterinary treatment. The healthy ani-
mals were treated with a vaccine specially pre-
pared by VIEV (All-Union Inst of Exptl Vet Sci).

264T38

The results of this exptl treatment were satis-
factory. The use of Anemin was abandoned because
it is a nonspecific remedy.

SENNIKOV, M. I.

Hepatitis in piglets. Under the editorship of M. I. Sennikov. Kirov, Kirov Publishing House, 1953. 20 pages with illustrations.

SO: TABCON Veterinariya; Vol. 31; No 2; February 1954, Unclassified.

SENNIKOV, M. I.

"The rise of animal products is an important task of veterinarians."

Veterinariya, Vol. 37, No. 5, 1960, p. 5

Chiz, Vet Sector, Kurov Oblast

SENNIKOV, M. I. (Chief of the Veterinary Department)

"White Muscle Disease of Young Animals."

Veterinariya, Vol. 38, No. 6, 1961. p. 53

Sennikov, M. I. - Kirov Oblast' Agricultural Administration.

SENNIKOV, V.

Year-round construction work. Sel'.stroi. 15 no.9:13 S '60.
(MIRA 13:9)

1. Direktor Ivanovskoy oblastnoy stroitel'no-montazhnoy kontory
"Sel'elektrostroy".
(Ivanovo Province--Electric lines)

SENNIKOV, V., polkovnik

Increasing labor productivity is an important task of
military engineers. Komm. Vooruzh. Sil 4 no.2:76-81 Ja '64.
(MIRA 17:9)

BLASHKUN, E.P., inzh.; SENNIKOV, V.A.

Reconditioning the hub of the steering wheel of the S-80
tractor with a bulldozer. Stroi. i dor. mash. 10 no.6:37
Je '65. (MIRA 18:8)

SEINIKOV, V.A.

Case of curing an extensive cancer of the scalp. Vop. onk. II
no.5:107-108 '65. (MIRA 18:8)

1. Iz kafedry rentgeno-radiologii (zav. kafedroy - prof. A.V.Grigor'eva) Orenburgskogo gosudarstvennogo meditsinskogo instituta (rektor - prof. S.S. Mikhaylov) na baze Orenburgskogo oblastnogo onkologicheskogo dispansera (glavnyy vrach - A.M.Kochetkov).

SENNIKOV, V.M.

Materials on the stratigraphy of the Uymen'-Lebed' synclinore
in the Gornyy Altai. Mat.po geol.Zap.Sib. no.61:49-58 '58.
(MIRA 12:8)

(Altai Mountains--Geology, Stratigraphic)

SENNIKOV, V.M.; VINKMAN, M.K.; KONONOV, A.N.

Cambrian-Ordovician and Ordovician in the Gornyy Altai. Trudy
SNIIGGIMS no.5:51-66 '59. (MIRA 13:6)
(Altai Mountains--Geology, Stratigraphic)

SENNIKOV, V.M.

Stratigraphy of Devonian sediments and the Upper Devonian
volcanism of the Uymen'-Lebed' synclinore (Gornyy Altai).
Trudy SNIIGGIMS no.13:109-122 '60. (MIRA 16:2)
(Altai Mountains--Geology)

BELOUSOV, A.F.; SENNIKOV, V.M.

Cambrian of the northeastern Altai. Trudy SNIIGGIMS no.13:123-
135 '60. (MIRA 16:2)
(Altai Mountains—Geology, Stratigraphic)

SENNIKOV, V.M.

Upper Devonian and Carboniferous volcanism in the Altai-Sayan fold
area. Trudy SNIIGGIMS no.24:156-160 '62. (MIRA 16:10)

SENNIKOV, V.M.; MIKHAYLOV, M.A.

Ordovician of the Khamchik zone in western Tuva. Geol. i geofiz. no.1:
141-144 '69. (MIRA 16:4)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i
mineral'nogo syr'ya, Novosibirsk.
(Tuva A.S.S.R.—Geology, Stratigraphic)

USSR/Medicine - Physiology SENNIKOV, V.M.

FD-2459

Card 1/2 Pub 33-10/24

Author : Sennikov, V. M.

Title : ~~On the change in renal functions under conditions of sleep inhibition.~~
On the change in renal functions under conditions of sleep inhibition."

Periodical : Fiziol. zhur. 2, 233-238, Mar-Apr 1955

Abstract : In 8 dogs with ureteral fistulae there was no significant difference in the urinary excretion of the right and left kidney, in basal condition as well as after water ingestion. The plasma creatinine content decreases slightly during water diuresis (from 0.1 to 0.2 mg %). After Luminal administration (0.01 gm per Kg body weight), plasma creatinine decreases from 0.2 to 0.42 mg % in basal condition as well as in water diuresis. After ingestion of a water-milk mixture (50 cc per Kg), the urinary excretion increases usually within 15 min., and reaches a maximum after 75 min. Luminal administration decreases significantly (by 150 cc or more) the total amount of urinary secretion after water ingestion over an interval of 5 hrs. The increase of urinary excretion during the first hour after ingestion of the water-milk mixture is due to a decrease of reabsorption and increase of filtration, while it is primarily due to further decrease of reabsorption

Card 2/2

FD-2459

during the second hour. In contrast, after Luminal, the water diuresis during the first hour is primarily due to increased filtration rate, while the reabsorption rate declines only slightly. Graphs. Sixteen references, all USSR (13 since 1940).

Institution: Chair of Pharmacology of the Ivanov State Medical Institution

Submitted : September 28, 1953

SENNIKOV, V.M.

USSR/Pharmacology. Pharmacognosy. Toxicology - General Problems. T-1

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71618

Author : Sennikov, V.M.

Inst :

Title : The Effect of Potassium Manganate on Carbohydrate Metabolism.

Orig Pub : Vracheb. Delo, 1956, No 1, 35-38

Abstract : The changes in sugar metabolism, due to the introduction of potassium manganate (I) were studied under different experimental conditions. The tests were conducted on 128 dogs of 6-18 kg weight. The animals under tests were on a constant water-salt and food diet. It was found that the introduction of I into the organism always causes an increase in blood sugar. This increase was always most stable and of greatest duration when moderate doses were used (0.0025 g/kg). Introduction of I in hypoglycemia produces always a strong increase in blood sugar. I, introduced in

Card 1/2

- 2 -

SENNIKOV, V.M.
SENNIKOV, V.M., dots.

Effect of sonorifics on the functions of transplanted and intact
kidneys. Vrach.delo supplement '57:101-102 (MIRA 11:3)

1. Kafedra farmakologii (zav.-dots. G.M.Shpuga) Ivanovskogo
meditsinskogo instituta i kafedra farmakologii (i.o.zav.-dots.
V.M.Sennikov) Novosibirskogo meditsinskogo instituta.
(PHENOBARBITOL) (CHLORAL) (KIDNEYS)

SENINKOV, V. M., Dr. Medic. Sci. (diss) "Materials on the Physiology and Pharmacology of Urination," Alma-Ata, 1961, 34 pp. (Kazakh Medic. Inst.) 450 copies (KL Supp 12-61, 282).

SENNIKOV, V.M.

Materials on the stratigraphy and the correlation scheme of the Ordovician sediments in Tuva, the Western Sayan Mountains, and the northwestern Altai. Trudy SNIIGGIMS no.29:76-93 '64. (MIRA 18:3)

SENNIKOV, V.M.

Altai during the Silurian period. Izv. Alt. otd. Geog. ob-va
SSSR no.5:5-8 '65.

History of development of the Uymen'-Lebed' synclinorium, the
Lower Carboniferous folded belt of the Gornyy Altai. Ibid:
9-14 (MIRA 18:12)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii,
geofiziki i mineral'nogo syr'ya, Novosibirsk.

ALADYSHKIN, A.S.; VASIL'KOVSKIY, N.P.; VINKMAN, M.K.; GINTSINGER, A.B.;
GURARI, F.G.; KARPINSKIY, R.B.; KRASIL'NIKOV, B.N.; KRASNOV,
V.I.; KRIVENKO, A.P.; LUCHITSKIY, I.".; FAN, F.Ya.; PETROV,
P.A.; POSPELOV, G.L.; SENNIKOV, V.M.; CHAIRKIN, V.M.;
SHCHEGLOV, A.P.

In memory of Andrei Aleksandrovich Predtechenskii, 1909-
1964. Geol. i geofiz. no.4:197-199 '65. (MIRA 18:8)

SENNIKOV, V.N.

Using the electrochemical method for bracing hole walls under
complex geological conditions. *Izv.vys.ucheb.zav.; geol. i razv.*
6 no.5:72-77 My '63. (MIRA 18:4)

1. Leningradskiy gornyy institut imeni Plekhanova.

SENNIKOV, V.N.

Electrochemical reinforcement of unstable rocks in
boreholes. Razved. i okh. nedr 29 no.6:38-41 Je '63.
(MIRA 18:11)

1. Leningradskiy gornyy institut.

SENNIKOV, V.N.

Technology of the electrochemical reinforcement of boreholes.
Razved. i okh. nedr 30 no.10:34-36 O '64. (MIRA 18:11)

1. Leningradskiy gornyy institut.

SENNIKOV, W.N.

Practice in electrochemical strengthening of rocks under laboratory conditions. Izv. vys. ucheb. zav.; geol. i razv. 6 no.5:154-155
My '65. (MIRA 18:10)

1. Leningradskiy gornyy institut imeni Plekhanova.

AID P - 3551

Subject : USSR/Electricity

Card 1/2 Pub. 29 - 15/27

Author : Sennikov, V. P., Eng.

Title : Weakening of the setting on the shaft of the framework of a rotor of a synchronous motor and the method of its repair

Periodical : Energetik, 11, 19-21, N 1955

Abstract : The author describes the repair work done with a three-machine converter unit built in 1934 by the "Elektrosila" Plant which consists of a 7,500-kw induction motor of the SM-20-S-18-16 type and of two d-c generators of the GP-16-3000 type, 3000 kw each, all three machines on a common shaft. In 1953 vibrations developed on one of the bushing stands. The author describes the method of finding the cause of vibrations and of doing the repair work. Five drawings.

AID P - 3551

Energetik, 11, 19-21, N 1955

Card 2/2 Pub. 29 - 15/27

Institution : None

Submitted : No date

SEMIKOV, V. Ye., Eng.

Power Engineering--

Visual aids for improving production indexes, Rab. energ. 1, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

SENNIKOV, V.Ye.

[Power engineering; experience of the Ivanovo power system]
Energetiki; iz opyta raboty Ivanovskoi energeticheskoi siste-
my. Ivanovo, Ivanovskoe knizhnoe izd-vo, 1953. 79 p.
(MLRA 7:11D)

SENNIKOV, V.Ye., inzhener.

Economizing fuel and electric energy in every possible way.
Energetik 2 no.2:17 F '54. (MLRA 7:4)
(Electric power plants)

SHAL'MIN, S., inzh.; SIRYATSKIY, A., inzh.; SENNIKOV, Yu., inzh.

Stand for assembling reducing gears. Avt. transp. 43 no.12:
30, 35 D '65. (MIRA 18:12)

SEMENKOVA, A. V.

SEMENKOVA, A. V. -- "The Effect of Maintenance Conditions on the Growth and Development of Calves of the Brown Latvian Breed in the Post-Embryonic Period." Min Higher Education USSR. Latvian Agricultural Academy. Riga, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

L 20369-65 EWT(m)/EPF(c)/EWP(j)/EWP(t)/EWP(b) Pc-4 IJP(c)/RPL
 ACCESSION NR: AP4049136 JD/JG/RM S/0020/64/159/001/0117/0120

AUTHORS: Berezin, B. D.; Sennikova, G. V.; Terenin, A. N. (Academician)

TITLE: New complex combinations of phthalocyanine with ruthenium and iridium ¹³ ₂₁

SOURCE: AN SSSR. Doklady*, v. 159, no. 1, 1964, 117-120

TOPIC TAGS: phthalocyanine, ruthenium compound, iridium compound, platinum compound.

ABSTRACT: By combining dry, chemically pure phthalonitrile with RuCl_3 and IrCl_3 , washing the product with boiling benzol and ethanol, and precipitating from 96% H_2SO_4 , an 80% yield of phthalocyanine $(\text{HSO}_4)_2\text{-RuPcCl}$ (13.45% Ru, 9.79% SO_3) and $(\text{HSO}_4)_2\text{-IrPcCl}$ (23.74% Ir, 10.77% SO_3) was obtained. The solubility in acids, the spectral absorption, and the kinetic stability of these compounds were investigated and compared with other combinations of phthalonitrile with the Pt group metals. For the phthalocyanine of the metals Rh(III), Ir(III), Co(II), Ru(III), Os(IV), Ni(II) and Pt(II), respectively, the following results were obtained: the equilibrium constants $\text{pK} = -\log K$ for the reaction $\text{HSO}_4\text{-MPc}_{(n)} + \text{H}_2\text{SO}_4 \rightleftharpoons \text{HSO}_4\text{-MPcH}^+ + \text{HSO}_4^-$ were 1.01 ± 0.04 , 1.34 ± 0.02 , 2.07 ± 0.04 , 0.94 ± 0.03 , 0.04 ± 1.29 , 1.46 ± 0.03 , and Card 1/3

L 20369-65
ACCESSION NR: AP4049136

1.5 ± 0.06; the dissociation rates for the reaction $\text{HSO}_4 \cdot \text{MPC}^+ + 2\text{H}_2\text{O} \rightarrow \text{H}_2\text{PC}^+ + \text{HSO}_4 \cdot \text{M}^{2+}$ at 1200 were 2.9×10^{-4} , 3.3×10^{-4} , 4.9×10^{-3} , 1.54×10^{-4} , 1.36×10^{-4} , 1.5×10^{-3} , 4.5×10^{-4} , $\text{hr}^{-1} \times \text{ltr}^2 \times \text{mol}^{-2}$, and the activation energies were 22 400; 12 500; 21 400; 24 300; 21 800; 32 100; 19 000 cal/mol. The spectral absorption of the two compounds in H_2SO_4 is given in Fig. 1 on the Enclosure. Orig. art. has: 5 tables and 1 figure.

ASSOCIATION: Ivanovskiy khimiko-tehnologicheskii institut (Ivanovo-Chemico-Technical Institute)

SUBMITTED: 02Apr64

ENCL: 01

SUB CODE: IC

NR REF SOV: 007

OTHER: 003

Card 2/3

L. 20369-65
ACCESSION NR: AP4049136

ENCLOSURE: 01

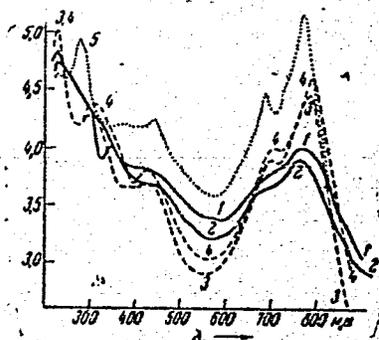


Fig. 1. Absorption spectra of phthalocyanine in H₂SO₄·Ir⁺⁺⁺
(1- 16M, 2- 17.6 M); Ru (3- 15 M, 4- 17.6 M) and Pt (5- 17.6 M).

Card 3/3

NATANSON, S.V.; SENNIKOVA, N.I.

Adsorption of cyanine dyes to silver halides. Trudy NIKFI no.40:
34-49 '60. (MIRA 15:2)

(Cyanines)(Photographic emulsions)

USPENKSIY, V.A.; INDENBOM, F.B.; CHERNYSHEVA, A.S.; SENNIKOVA, V.N.

Geochemical study of organic substance in Mesozoic and Cenozoic
rocks of the Grozny oil area. Avtoref. trud. VNIGRI no.17:48-54
'56. (MIRA 11:6)
(Groznyy Province--Petroleum geology) (Organic matter)

USPENSKIY, V.A.; INDENBOM, F.B.; CHERNYSHEVA, A.S.; SENNIKOVA, V.N.

Genetic classification of dispersed organic matter. Trudy
VNIGRI no.128:221-314 '58. (MIRA 11:12)
(Organic matter--Classification)

BOGORODITSKAYA, N.I.; SENNIKOVA, V.N.

Bitumen occurrences in Mesozoic deposits of the Borgoy Depression.
Trudy VNIGRI no.155:45-54 '60. (MIRA 14:1)
(Borgoy Valley--Bitumen) (Rocks--Analysis)

SEMENOVA, Ye. A.

27742. SEMENOVA, Ye. A. i NIKHREVA, V. I. --o splavakh magniya s margantsen i tsericm. Trudy rosk. aviats. tekhnol. in-ta, vyp. 7, 1949, S. 62-81
Bibliogr: 16 nazv.

SC: Letopis' Zhurnal'nykh Statey, Vol. 37, 1949.

SENNIKOVSKIY, N., inzh.

Possibility of using BK-2 babbitt for the hard facing of 18D engine
bearings. Rech. transp. 21 no.2:30-31 F '62. (MIRA 15:3)
(Babbitt metal) (Hard facing) (Marine engines)

SENNIKOVSKIY, N. inzh.

Technical re-equipment in pumping machinery. Rech. transp. 22 no.7:
30-31 JI '63. (MIRA 16:9)
(Tank vessels--Equipment and supplies)
(Pumping machinery)

SENNIKOVSKIY, N., dotsent

A modern fleet should have a new maintenance system.
Rech. transp. 23 no.7:44 J1 '64. (MIRA 17:10)

1. Gor'kovskiy institut inzhenerov vcdnogo transporta.

FEDOROV, Vasilii Fedorovich; KOMOGORTSEV, P.Ya., red.; SENNIKOVSKIY,
N.M., inzh., retsenzent; POLTAVTSEV, A.Ye., inzh., retsenzent;
VITASHKINA, S.A., red. izd-va; YERMAKOVA, T.T., tekhn.red.

[Steam boilers and engines for river vessels] Rechnye parovye
kotly i mashiny. Moskva, Izd-vo "Rechnoi transport," Pt.2.
1958. 312 p. (MIRA 12:1)
(Boilers, Marine) (Marine engines)

ISAKOV, Nikolay Mikhavlovich; GUSEV, M.N., kand. tekhn. nauk,
retsenzent; SENNIKOVSKIY, N.M., dots., retsenzent;
NIKITIN, G.M., red.; KAN, P.M., red.

[Technology of shipbuilding and ship repairs] Tekhnologiya
sudostroeniia i sudoremonta. Moskva, Transport, 1964. 320 p.
(MIRA 17:10)

SENNITSKIY, V.

PA 42/49T11

USSR/Electricity
Batteries, Radio

Apr 49

"Salvaging Spent MVD Cells," V. Sennitskiy, 3 pp

"Radio" No 4

Complete instructions for rebuilding elements
of MVD-type cells: dismantling the element,
scraping the carbon rod (positive element),
reworking the depolarization agent, scraping
oxide from the zinc surface, preparing
the electrolyte (sal ammoniac), and reassembling
the cell.

42/49T11

SENNITSKIY, V. I.

Samodelnye Galvanicheskie Elementy (Self-Made Galvanic Cells), 62 p., Moscow and Leningrad, 1950.

SENNITSKIY , V.

PA 157T99

USSR/Radio - Batteries
Radio, Amateur

Mar 50

"Homemade Cells," V. Sennitskiy, 2 $\frac{1}{4}$ pp

"Radio" No 3

Describes two ways of making copper-zinc battery for benefit of rural radio amateurs who frequently construct homemade batteries.

157T99

SENNITSKIY, V. P.

Home-Made Dry Cells (Samodel'nyye galvanicheskiye elementy), Gosenergoizdat, 66
pp, 1951.

Book W-22517, 29 Apr 52

SEHNOV, N.

Voltage converter with a high rating. Radio no.9:51 S '60.
(MIRA' 13:10)

(Electric current converters)